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Total Number of Pages in This Submission

2

Application Number

10/608,737

Filing Date

June 27, 2003

First Named Inventor

James D. Parsons

Art Unit

3742

Examiner Name

Tu Ba Hoang

Attorney Docket Number

378-21-020

ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/Incomplete Application

☐

Reply to Missing Parts under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a Provisional Application

☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) _____

☐ Landscape Table on CD

Remarks

☐

After Allowance Communication to TC

☐

Appeal Communication to Board of Appeals and Interferences

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Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☒

Other Enclosure(s) (please identify below):

- INTERVIEW RECORD (2 pages)

- ITEMIZED POSTCARD

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

KOPPEL, JACOBS, PATRICK & HEYBL

Signature

Richard S. Koppel

Printed name

Richard S. Koppel

Date

12/16/05

Reg. No.

26,475

CERTIFICATE OF MAILING

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December 16, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/608,737
Applicant : James D. Parsons
Filed : June 27, 2003
TC/A.U. : 3742
Examiner : Tu Ba Hoang
Docket No. : 378-21-020
Title: STABLE HIGH TEMPERATURE SENSOR/HEATER SYSTEM
AND METHOD WITH TUNGSTEN ON AlN

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

INTERVIEW RECORD

The undersigned initiated a telephone interview with Examiner Hoang on December 14, 2005 to discuss the non-final Office action mailed December 8, 2005. Claim 1 was discussed in connection with the cited prior art patents to Chang et al. and Wado et al., and it was noted that the same comments applied to independent claims 24 and 40.

The undersigned proposed the following amendment to claim 1:

1. (Currently Amended) A heater system ~~capable of self-sensing its own temperature~~, comprising:
 - an AlN substrate,
 - a W layer on said substrate,
 - a signal source connected adapted to apply a current or a voltage ~~an electrical~~ actuating signal to heat said W layer, and

a sensor connected ~~adapted~~ to sense the voltage across said W layer in the case of a current actuating signal, or the current through said W layer in the case of a voltage response ~~of said W layer to said actuating signal~~, as an indication of the temperature of said W layer, said W layer having a response to said actuating signal ~~resistance~~ which varies with the W layer's temperature.

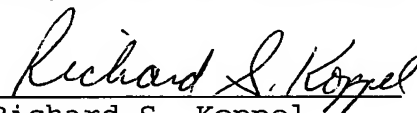
The general thrust of the undersigned's principal arguments were:

(1) The proposed amendment would satisfy both of the objections to the drawings and the 35 U.S.C. 112 rejections, and (2) in the amended claims the actuating signal was applied to the same tungsten layer whose voltage or current was sensed to provide an indication of its temperature, whereas in Chang et al. and Wado et al. a separate temperature sensor is required.

Examiner Hoang requested that the amendment and argument be faxed to him as an informal proposal for his review. The Examiner did not indicate whether the proposed amendment would result in allowance of any rejected claims.

Respectfully submitted,

Dated: 12/16/05


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